

# Material Safety Data Sheet

Revision Date: 12/2/2022

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : Fmoc-4-Iodo-D-Phe-OH

CAS Number : 205526-29-0

MDL Number : MFCD00672557

Product ID : STA-AA10861

Recommended Use : Laboratory chemicals, scientific research

Manufacturer/Supplier : WuXi AppTec (Chengdu) Co., Ltd.

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## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not a hazardous substance or mixture.

### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

### 2.3 Other hazards – none

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Chemical Formula : C<sub>24</sub>H<sub>20</sub>INO<sub>4</sub>

Molecular Weight : 513.32 g/mol

EC-No.:

| Component  | Fmoc-4-Iodo-D-Phe-OH | Concentration |
|------------|----------------------|---------------|
| CAS Number | 205526-29-0          |               |

No components need to be disclosed according to the applicable regulations.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water.

### **In case of eye contact**

Flush eyes with water as a precaution.

### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

### **4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

### **4.3 Indication of any immediate medical attention and special treatment needed**

No data available

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## **5. FIRE-FIGHTING MEASURES**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** no data

### **5.2 Special hazards arising from the substance or mixture**

In combustion toxic fumes may form.

### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

### **5.4 Further information**

Use water spray to cool unopened containers.

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## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

### **6.2 Environmental precautions**

Do not let product enter drains.

### **6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### **6.4 Reference to other sections**

For disposal see section 13.

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## **7. HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.2.

### **7.2 Conditions for safe storage, including any incompatibilities**

Store in -20°C. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Wear Protective safety goggles.  
Wear chemical-resistant gloves.  
Wear protective clothing and chemical resistant boots.  
Ensure ventilation during use.  
After contact with skin, wash immediately.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                         |
|---|-------------------------|
| Appearance                              | White solid             |
| Melting point/freezing point            | No data available       |
| Initial boiling point and boiling range | No data available       |
| Odour                                   | Odorless                |
| Odour Threshold                         | No data available       |
| pH                                      | No data available       |
| Evapouration rate                       | No data available       |
| Vapour pressure                         | No data available       |
| Vapor Density                           | No data available       |
| Solubility in/Miscibility with          | CH <sub>3</sub> CN, DMF |
| Auto-ignition temperature               | No data available       |
| Decomposition temperature               | No data available       |
| Viscosity                               | No data available       |
| Explosive properties                    | No data available       |
| Oxidizing properties                    | No data available       |
| Flash point                             | No data available       |
| Relative density                        | No data available       |

### Safety data

No data available

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Avoid moisture.

### 10.5 Incompatible materials

Oxidizing agents.

### 10.6 Hazardous decomposition products

Other decomposition products - No data available.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects



ADR/RID: -                              IMDG: -                              IATA: -

**14.4 Packaging group**

ADR/RID: -                              IMDG: -                              IATA: -

**14.5 Environmental hazards**

ADR/RID: no                              IMDG: no                              IATA: no

**14.6 Special precautions for user**

No data available.

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**15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

no data available

**15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

**Caution:** Substance not yet fully tested (EU).

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**16. OTHER INFORMATION**

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